

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. .... 09/653,156  
Filing Date ..... August 31, 2000  
Inventor ..... Vishnu K. Agarwal  
Assignee ..... Micron Technology, Inc.  
Group Art Unit ..... 2813  
Examiner ..... Y. Huynh  
Attorney's Docket No. .... MI22-1518  
Title: Enhanced Surface Area Capacitor Fabrication Methods

**COPY FOR YOUR  
INFORMATION**

Commissioner for Patents  
PO Box 1450  
Attn: Art Unit 2831  
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed to the United States patents and other references listed on the attached Form PTO-1449. No admission is made regarding whether all the submitted references are prior art.

This Supplemental Information Disclosure Statement is being filed after the filing of the Request for Continued Examination (RCE) Application and before receipt of the first Office Action. Therefore, no fee is believed to be required. However, in the event that a fee is required for filing this Supplemental Information Disclosure Statement, please charge the fee specified under 37 C.F.R. §1.17(p) to Deposit Account No. 23-0925. Please credit Deposit Account No. 23-0925 with any overpayment of the above fee.

Citation of these references is respectfully requested.

Respectfully submitted,

Date:

14 Oct 2003

By:

James E. Lake  
Reg. No. 44,854

EL979977130

EV272451816



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. .... 09/653,156  
Confirmation No. .... 4650  
Filing Date .... August 31, 2000  
Inventor .... Vishnu K. Agarwal  
Assignee .... Micron Technology, Inc.  
Group Art Unit .... 2813  
Examiner .... Y. Huynh  
Attorney's Docket No. .... MI22-1518  
Customer No. .... 021567  
Title: Enhanced Surface Area Capacitor Fabrication Methods

Commissioner for Patents  
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Attn: Art Unit 2813  
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed to the United States patents and other references listed on the attached Form PTO-1449. No admission is made regarding whether all the submitted references are prior art.

Citation of these references is respectfully requested.

Respectfully submitted,

Date: 30 Mar 2004

By:   
James E. Lake  
Reg. No. 44,854

04/02/2004 WABRHAM1 00000127 09653156

02 FC:1806

180.00 OP

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
M122-1518SERIAL NO.  
09/653,156LIST OF ART CITED BY APPLICANT  
(Use several sheets if necessary)

APPLICANT Vishnu K. Agarwal

FILING DATE  
August 31, 2000GROUP  
2813

## U.S. PATENT DOCUMENTS

* Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA 6,204,070	03/2001	Kim			
	AB 6,207,487	03/2001	Kim et al			
	AC 6,391,803	05/2002	Kim et al			
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AM KR 2002002157A	01/2002	Korea (ABSTRACT ONLY)				
	AN						
	AO						

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AP		
	AQ		
	AR		

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EL979977130  
EV372451816

Form PTO 1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. MI22-1518		SERIAL NO. 09/653,156	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Vishnu K. Agarwal			
					FILING DATE August 31, 2000		GROUP 2813	

01 PE  
MAR 30 2004  
PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
AA	09/590,795		Agarwal et al (as filed and amended 10/2001 & 1/2003)			06/2000	
AB	09/653,149		Derderian (as amended 10/22/02, 5/28/02, 6/11/01)			08/2000	
AC							
AD							
AE							
AF							
AG							
AH							
AI							
AJ							
AK							
AL							


FOREIGN PATENT DOCUMENTS							
Document Number	Date	Country	Class	Subclass	Translation		
					Yes	No	
AM							
AN							
AO							

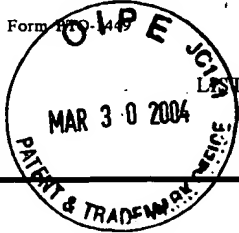
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
	AP		
	AQ		
	AR		

EXAMINER	DATE CONSIDERED
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EL979977130

		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI22-1518		SERIAL NO. 09/653,156	
		LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					
		APPLICANT Vishnu K. Agarwal				FILING DATE August 31, 2000	
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	6,281,543	08/01	Al-Shareef et al			
	AB	5,452,178	09/95	Emesh et al			
	AC	6,458,416	10/02	Derderian et al			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	AM						
	AN						
	AO						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
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	AR						
EXAMINER				DATE CONSIDERED			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

Form PTO-147 		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI22-1518		SERIAL NO. 09/653,156	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT    Vishnu K. Agarwal			
FILING DATE August 31, 2000				GROUP 2813			

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	10/624,340	McClure (as filed)			07/2003	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS							
Document Number	Date	Country	Class	Subclass	Translation		
					Yes	No	
AM							
AN							
AO							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
AP			
AQ			
AR			

EXAMINER	DATE CONSIDERED
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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 352.00

## Complete if Known

Application Number	09/653,156
Filing Date	August 31, 2000
First Named Inventor	Vishnu K. Agarwal
Examiner Name	Y. Huynh
Art Unit	2813
Attorney Docket No.	MI22-1518

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 23-0925  
Deposit Account Name: Wells St. John P.S.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1001	770	Utility filing fee	
		1002	340	Design filing fee	
		1003	530	Plant filing fee	
		1004	770	Reissue filing fee	
		1005	160	Provisional filing fee	
SUBTOTAL (1)					(\$ ) 0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
18	-20** = 0	X 18	= 0
Independent Claims	6	-3** = 2	X 86 = 172
Multiple Dependent			

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
		1202	18	2202 9 Claims in excess of 20
		1201	86	2201 43 Independent claims in excess of 3
		1203	290	2203 145 Multiple dependent claim, if not paid
		1204	86	2204 43 ** Reissue independent claims over original patent
		1205	18	2205 9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 172.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1051	130	2051 65 Surcharge - late filing fee or oath	
		1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	
		1053	130	1053 130 Non-English specification	
		1812	2,520	1812 2,520 For filing a request for ex parte reexamination	
		1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
		1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
		1251	110	2251 55 Extension for reply within first month	
		1252	420	2252 210 Extension for reply within second month	
		1253	950	2253 475 Extension for reply within third month	
		1254	1,480	2254 740 Extension for reply within fourth month	
		1255	2,010	2255 1,005 Extension for reply within fifth month	
		1401	330	2401 165 Notice of Appeal	
		1402	330	2402 165 Filing a brief in support of an appeal	
		1403	290	2403 145 Request for oral hearing	
		1451	1,510	1451 1,510 Petition to institute a public use proceeding	
		1452	110	2452 55 Petition to revive - unavoidable	
		1453	1,330	2453 665 Petition to revive - unintentional	
		1501	1,330	2501 665 Utility issue fee (or reissue)	
		1502	480	2502 240 Design issue fee	
		1503	640	2503 320 Plant issue fee	
		1460	130	1460 130 Petitions to the Commissioner	
		1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
		1806	180	1806 180 Submission of Information Disclosure Stmt	180.00
		8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
		1809	770	2809 385 Filing a submission after final rejection (37 CFR 1.129(a))	
		1810	770	2810 385 For each additional invention to be examined (37 CFR 1.129(b))	
		1801	770	2801 385 Request for Continued Examination (RCE)	
		1802	900	1802 900 Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 180.00

## SUBMITTED BY

Name (Print/Type)	James E. Lake	Registration No. (Attorney/Agent)	44,854	Telephone	509-624-4276
Signature		Date	30 Mar 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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